

AMENDMENTS TO THE CLAIMS:

Claim 1. (Previously presented - Allowed) A method of training a computer system to recognize a specific action of a user and associate the specific action with a computer event, said method comprising:

capturing a first image of a user within a first predetermined window in a video stream;

displaying said user image including said first predetermined window;

determining that a state of said first predetermined window is to be associated with a first computer event;

associating said first computer event with said state of said first predetermined window in response to said determination; and

storing information in a memory device regarding said association.

Claim 2. (Previously presented - Allowed) The method of claim 1, further comprising:

capturing a second image of said user within said first predetermined window; and

displaying said second image, wherein a first indication indicates that a change of state between said first and second images in said first predetermined window is to be associated with said computer event, and wherein said associating said first computer event with said state of said first predetermined window comprises associating said change of state with said first computer event.

Claim 3. (Previously presented - Allowed) The method of claim 2, wherein said change of

state comprises a change of color in said first predetermined window.

Claim 4. (Previously presented - Allowed) The method of claim 3, wherein said associating said first computer event with said state of said first predetermined window comprises storing a summary of said colors in said first predetermined window.

Claim 5. (Previously presented - Allowed) The method of claim 2, wherein said change of state comprises a pattern of activity within said video stream which indicates a change of position of said image of said user within said first predetermined window.

Claim 6. (Previously presented - Allowed) The method of claim 1, wherein said first image includes an image of an object in said first predetermined window.

Claim 7. (Previously presented - Allowed) The method of claim 1, wherein said first computer event comprises a specific computer function to execute.

Claim 8. (Previously presented - Allowed) The method of claim 1, wherein said first predetermined window is one of a rectangular area, a circular area and a square area.

Claim 9. (Previously presented - Allowed) The method of claim 1, wherein said first computer event comprises a plurality of computer events.

Claim 10. (Canceled).

Claim 11. (Previously presented - Allowed) The method of claim 1, further comprising positioning said predetermined window within said video stream.

Claim 12. (Previously presented - Allowed) The method of claim 11, wherein positioning said predetermined window comprises locating said predetermined window within said video stream using one of a user input command and a program command.

Claim 13. (Previously presented - Allowed) The method of claim 1, wherein said first image further comprises a second predetermined window, the method further comprising:

determining that a state of said second predetermined window is to be associated with a second computer event; and

associating said second computer event with a state of said second predetermined window, wherein said storing of information further comprises storing information in said memory device regarding said association of said second computer event with a state of said second predetermined window.

Claim 14. (Previously presented - Allowed) The method of claim 1, wherein said first computer event comprises a mouse click action.

Claim 15. (Canceled).

Claim 16. (Previously presented - Allowed) A method of using a computer system having an image capture system that displays an image of a user on a display screen, said method comprising:

enabling said computer system to associate a state of a first predetermined window within a video stream with a first computer event;

capturing said state of said first predetermined window with said image capture system;
and

performing said first computer event in response to said state of said first predetermined window being captured by said image capture system.

Claim 17. (Previously presented - Allowed) The method of claim 16, wherein said enabling comprises:

capturing said first image;

displaying said first image;

determining that a state of said first predetermined window is to be associated with a first computer event;

associating said first computer event with said state of said first predetermined window in response to a first indication; and

storing information in a memory device regarding said association of said first computer

event with said state of said first predetermined window.

Claim 18. (Previously presented - Allowed) The method of claim 16, further comprising positioning said first predetermined window within said video stream.

Claim 19. (Currently amended - Allowed) The method of claim 17, further comprising:

producing a second predetermined window within said video stream;

capturing a second image including said second predetermined window which includes a user image;

determining that a state of said second predetermined window is to be associated with a second computer event; and

associating said second computer event with said state of said second predetermined window in response to a second indication; and

storing information in said memory device such that said state of said second predetermined window is associated with said second computer event.

Claim 20. (Previously presented - Allowed) A system that associates a specific user action with a first computer command, said system comprising:

an image capture system that captures a first image of a user within a video stream including a first predetermined window, wherein the state of the first predetermined window indicates said specific user action;

an image display system that displays said first image captured by said image capture system on a display screen; and

a computer system that recognizes a state of said first predetermined window as corresponding to an association of said state of said first predetermined window to said first computer command.

Claim 21. (Previously presented - Allowed) The system of claim 20, wherein said computer system is adapted to perform a training phase to train the computer system to recognize said specific user action, said training phase comprising:

displaying said first image that is captured by said image capture system including said user image which includes said first predetermined window;

associating said first computer command with said state of said first predetermined window; and

storing information in a memory device regarding said association of said first computer command with said state of said first predetermined window.

Claim 22. (Previously presented - Allowed) The system of claim 21, wherein said training phase further comprises:

capturing a second image including a second predetermined window;

associating a second computer command with a state of said second predetermined window; and

storing information in said memory device regarding said association of said state of said second predetermined window with said second computer command.

Claim 23. (Previously presented - Allowed) A program storage device readable by machine, tangibly embodying a program of instructions executable by the machine to perform method steps for training a system to recognize specific user actions, said method comprising:

capturing a first image of a user within a first predetermined window;
displaying said first image including said user image in said first predetermined window;
determining that a state of said first predetermined window is to be associated with a first computer event;
associating said first computer event with said state of said first predetermined window in response to said determination; and
storing information in a memory device regarding said association.

Claim 24. (Currently amended) A method of enabling a computer system to recognize specific actions of a user, said method comprising:

capturing an image of the user within a predetermined window in a video stream;
associating a ~~first~~ computer event with a state of the ~~a first~~ predetermined window; and
storing information in a memory device regarding said association.

Claim 25. (Canceled).

Claim 26. (New) The method of claim 24, further comprising displaying said image including said predetermined window.

Claim 27. (New) The method of claim 24, further comprising determining that said state of the predetermined window is to be associated with said computer event before associating said computer event with said state.

Claim 28. (New) The method of claim 24, further comprising capturing another image of said user within said predetermined window.

Claim 29. (New) The method of claim 28, further comprising displaying said another image in said predetermined window.

Claim 30. (New) The method of claim 28, further comprising receiving an indication that a change of state between said image and said another image in said predetermined window is to be associated with said computer event.

Claim 31. (New) The method of claim 30, wherein associating of said computer event with said state of said predetermined window comprises associating said change of state with said computer event.

Claim 32. (New) The method of claim 31, wherein said change of state comprises a change of color in said predetermined window.

Claim 33. (New) The method of claim 32, wherein said associating said computer event with said change of state comprises storing a summary of said colors in said predetermined window.

Claim 34. (New) The method of claim 31, wherein said change of state comprises a pattern of activity within said video stream which indicates a change of position of said image of said user within said predetermined window.

Claim 35. (New) The method of claim 24, wherein said image comprises an image of an object in said predetermined window.

Claim 36. (New) The method of claim 24, wherein said computer event comprises a specific computer function to execute.

Claim 37. (New) The method of claim 24, wherein said predetermined window comprises one of a rectangular area, a circular area, and a square area.

Claim 38. (New) The method of claim 24, wherein said computer event comprises a plurality of computer events.

Claim 39. (New) The method of claim 24, further comprising positioning said predetermined window within said video stream.

Claim 40. (New) The method of claim 39, wherein said positioning said predetermined window comprises locating said predetermined window within said video stream using one of a user input command and a program command.

Claim 41. (New) The method of claim 24, wherein said computer event comprises a mouse click action.